

Technical Manual

Beta C360



ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance 8Ω
- Max Amp Power 200 watts*
- Frequency Response 45Hz – 20kHz (±3dB)
40Hz – 40kHz (–6dB)
- Sensitivity 91dB (2.83V @ 1 meter)
- Crossover Frequency 500Hz, 3.2kHz; 12dB/Octave

SYSTEM COMPONENTS:

- Cabinet Beta C360 (Not for Sale)
- Grille Black (for BLK) 352066-003
- Low-Frequency Transducer Dual 6-1/2" (165mm) CMMD™, magnetically shielded 351512-001
- DC Resistance 8.0 ohms ±10%
- Mid-Frequency Transducer 4" (100mm) CMMD™, magnetically shielded 351501-001
- DC Resistance 4.7 ohms ±10%
- High-Frequency Transducer 1" (25mm) CMMD™, magnetically shielded 351572-001
- DC Resistance 3.5 ohms ±10%
- Crossover Network 352096-001

AURAL SWEEP TEST SPECIFICATIONS:

- System Aural Sweep Test 6.0V Input 40Hz to 20kHz
- L.F. Aural Sweep Test 5.0V Input 40Hz to 1kHz
- M.F. Aural Sweep Test 5.0V Input 500Hz to 4kHz
- H.F. Aural Sweep Test 2.83V Input 3kHz to 20kHz

PHYSICAL SPECIFICATIONS:

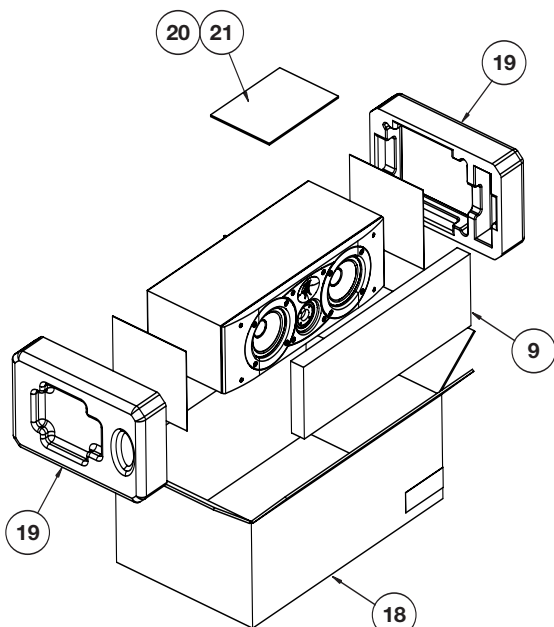
- Dimensions 8-1/2" x 25-5/8" x 11-3/4"
(215mm x 650mm x 298mm)
- Weight 34.5 lb (15.7kg) Each

WARRANTY:

- Refer to Warranty Statement packed with each product.

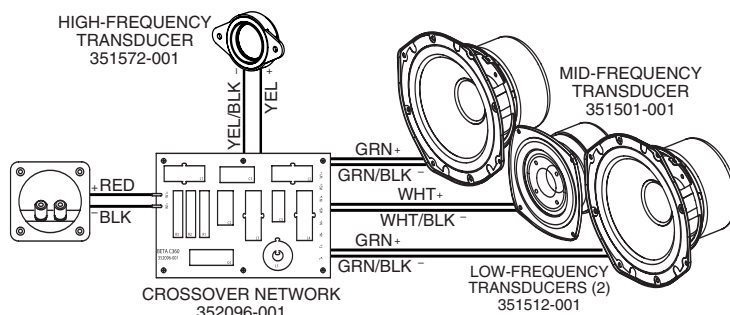
* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

PACKAGING

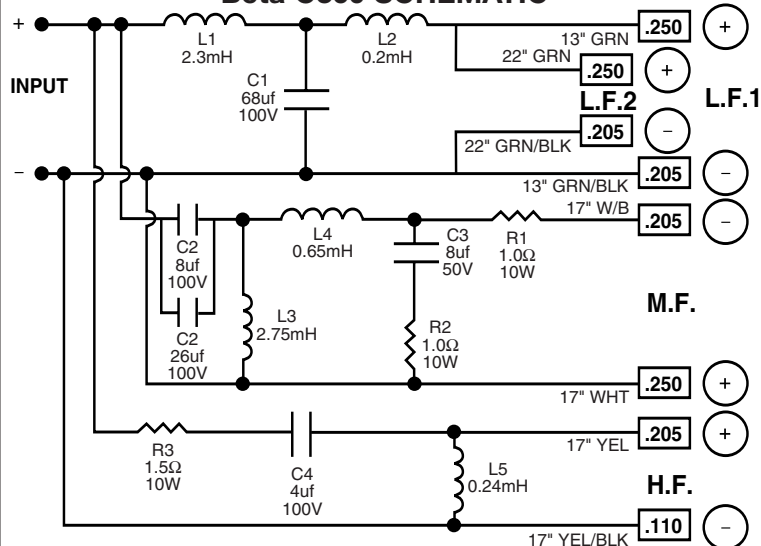


Legend on Page 2

Beta C360 WIRING DIAGRAM



Beta C360 SCHEMATIC

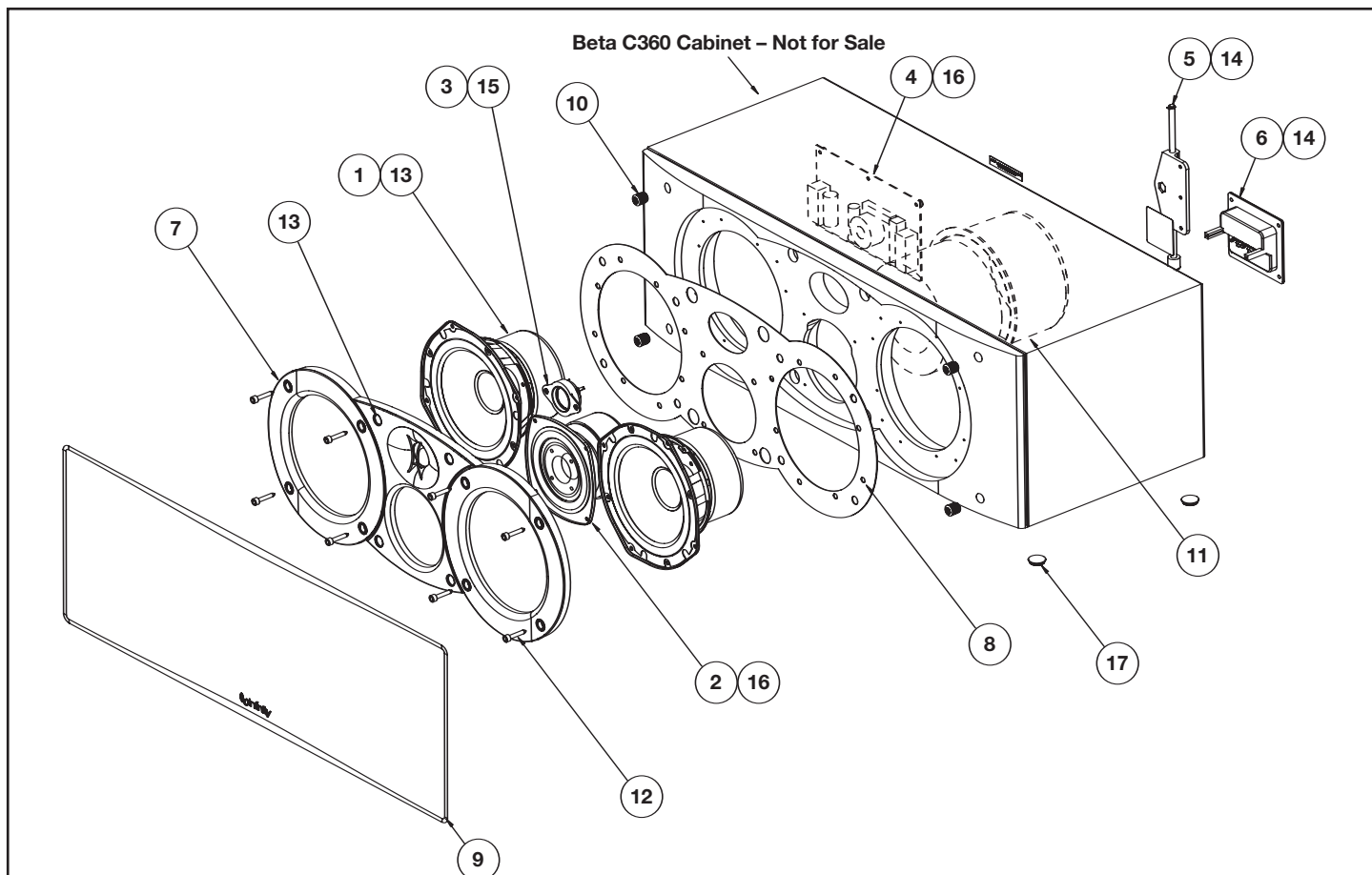


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EXPLODED VIEW



ITEM NO.	DESCRIPTION	QTY.	PART NO.	ITEM NO.	DESCRIPTION	QTY.	PART NO.
1.	Woofer	2	351512-001	13.	Screw (woofer/faceplate) #8 x 1," PAN, PH ZINC LCS	20	900101-012
2.	Midrange	1	351501-001	14.	Screw (terminal cup/level adjuster) PB, OPH, ZINC, #6 x .75"	7	61867
3.	Tweeter	1	351572-001	15.	Screw (tweeter mounting) MS, PPH, H/L, BLK, 6-19 x .375"	2	905401-006
4.	Crossover Assembly	1	352096-001	16.	Screw (midrange/network) #6 x .75" PAN, PH, PB, BLK ZINC LCS	10	908301-012
5.	Level Adjust Foot Assembly	1	351661-001	17.	Bump-on Foot w/Adhesive Backing	4	330104-001
6.	Terminal Cup w/Binding Posts	1	338567-001	18.	Carton-BetaC360BK	1	352170-001
7.	Faceplate, Black (for BK)	1	351903-001		Carton-BetaC360BE	1	352170-002
	Faceplate, Gray (for BE & CH)	1	351903-002		Carton-BetaC360CH	1	352170-003
8.	Gasket, Faceplate	1	351944-001	19.	Pad - Right & Left - Beta C360	2	352171-001
9.	Assy, Grille, Black	1	352066-003	20.	Owner's Manual	1	352036-001
10.	Cup, Grille (Black for BK)	8	333249-001	21.	5-Year Warranty Card, Infinity	1	335841-003
	Cup, Grille (Titanium for BE & CH)	8	333249-003				
11.	Flowerpot, Midrange Plastic	1	334072-001				
12.	Screw (faceplate) #8 x 1," PB, HXS, ZINC	8	903802-016				

TO SERVICE THE BETA C360

Remove the grille.

1. Remove the (4) rubber grille retainers on the center section of the front faceplate; this can be accomplished by carefully pulling them out of their cavities with long-nosed pliers or similar tool.
 2. Remove the (4) Phillips screws that are now exposed and the (8) Hex screws (5/32 or 4mm) surrounding the woofers.
 3. Carefully separate the front faceplate, with tweeter attached, from the cabinet.
 4. Woofer: Remove the (4) Phillips screws per driver that are now exposed.
 5. Midrange: Remove the (4) Phillips screws that are now exposed.
- Note the crossover network is not integrated with the rear terminal cup, and must be accessed through the left woofer opening.

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